

AMENDMENTS TO THE CLAIMS

The following listing of claims shown in marked-up format with strikethrough and/or double brackets indicating deletions and underlining indicating additions supersedes all prior versions and listings of claims in connection with this application.

LISTING OF CLAIMS

1. (Currently Amended) A computer-readable medium having a data structure for managing reproduction of still images recorded on the computer-readable medium, comprising:
 - a data area storing at least first and second still images; and
 - a playlist area storing at least one playlist file, the playlist file including mark information, the mark information providing presentation information on the first and second still images to provide for at least skipping from reproducing the first still image to reproducing the second still image; and
 - a management area storing at least a first and a second clip information file, the first and the second clip information files corresponding to the first and second still image, respectively, the first clip information file including a mapping information between a presentation time and the first still image, the second information file including a mapping information between a presentation time and the second still image.
2. (Previously Presented) The computer-readable medium of claim 1, wherein the mark information includes a first mark associated with the first still image and a second mark associated with the second still image, the first and second marks providing the presentation information on the first and second still images, respectively.

3. (Previously Presented) The computer-readable medium of claim 2, wherein the first mark includes a first indicator indicating at least a stream of data where the first mark is placed; and

the second mark includes a second indicator indicating at least a stream of data where the second mark is placed.

4. (Previously Presented) The computer-readable medium of claim 2, wherein the first mark includes a first indicator indicating a point in a stream of data where the first mark is placed; and

the second mark includes a second indicator indicating a point in a stream of data where the second mark is placed.

5. (Previously Presented) The computer-readable medium of claim 2, wherein the first mark includes a type indicator indicating a type of the first mark, and the second mark includes a type indicator indicating a type of the second mark.

6. (Previously Presented) The computer-readable medium of claim 2, wherein the mark information indicates a number of marks in the mark information.

7. (Previously Presented) The computer-readable medium of claim 2, wherein the first mark points to the first still image and the second mark points to the second still image.

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Currently Amended) A method of reproducing a data structure for managing reproduction of still images recorded on a computer-readable medium, comprising:

reproducing at least one playlist file from the computer-readable medium, the playlist file including mark information, the mark information providing presentation information on first and second still images to provide for at least skipping from reproducing the first still image to reproducing the second still image; and

reproducing at least a first and a second clip information file in a management area on the computer-readable medium, the first and the second clip information file corresponding to the first and the second still image, respectively, the first clip information file including a mapping information between a presentation time and the first still image and the second clip information file including a mapping information between a presentation time and the second still image.

13. (Currently Amended) An apparatus for reproducing a data structure for managing reproduction of still images recorded on a computer-readable medium, comprising:

~~a driver for driving an optical reproducing device~~ a pick up configured to reproduce data recorded on the computer-readable medium;

a controller configured to control the driver pick up to reproduce at least one playlist file and at least a first and a second clip information file from the computer-readable medium, the playlist file including mark information, the mark information providing presentation information on first and second still images to provide for at least skipping from reproducing the first still image to reproducing the second still image, the first and the second clip information file corresponding to the first and the second still image, respectively, the first clip information file including a mapping information between a presentation time and the first still image, the second clip information file including a mapping information between a presentation time and the second still image.

14. (Currently Amended) A method of recording a data structure for managing reproduction of at least still images recorded on a computer-readable medium, comprising:

recording at least one playlist file on the computer-readable medium, the playlist file including mark information, the mark information providing a plurality of marks in navigation area of the computer readable medium, at least a portion of the marks associated with still images, each mark presentation information for the first and the second images to provide for at least skipping from reproducing the first still image to reproducing the second still image associated with a still image serving as a pointer to the still image to provide for skipping between still images during reproduction; and

recording at least a first and a second information file in a management area on the computer-readable medium, the first and the second clip information file corresponding to the first

and the second still image, respectively, the first clip information file including a mapping information between a presentation time and the first still image, the second clip information file including a mapping information between a presentation time and the second still image.

15. (Currently Amended) An apparatus for recording a data structure for managing reproduction of at least ~~multiple reproduction path video data~~ still images on a computer-readable medium, comprising:

~~a driver for driving an optical recording device~~ a pick up configured to record data on the computer-readable medium;

~~an encoder for encoding at least multiple reproduction path video data; and~~
~~a controller configured to for controlling the driver pick up to record at least one playlist file and~~
~~at least a first and a second clip information file on the computer readable medium, the playlist~~
~~file including mark information, the mark information providing presentation information on the~~
~~first and the second still images to provide for at least skipping from reproducing the first still~~
~~image to reproducing the second still image, a plurality of marks in navigation area of the~~
~~computer readable medium, at least a portion of the marks associated with still images, each~~
~~mark associated with a still image serving as a pointer to the still image to provide for skipping~~
~~between still images during reproduction~~ the first clip information file including a mapping
information between a presentation time and the first still image and the second clip information
file including a mapping information between a presentation time and the second still image, the
first and the second clip information file corresponding to the first and the second still image,
respectively.

16. (New) The method of claim 12, wherein the mark information includes a first mark associated with the first image and a second mark associated with the second image, the first and the second marks providing the presentation information on the first and the second image, respectively.

17. (New) The method of claim 16, wherein the first mark includes a first indicator indicating at least a stream of data where the first mark is placed, and wherein the second mark includes a second indicator indicating at least a stream of data where the second mark is placed.

18. (New) The method of claims 16, wherein the first mark includes a first indicator indicating a point in a stream of data where the first mark is placed, and wherein the second mark includes a second indicator indicating a point in a stream of data where the second mark is placed.

19. (New) The method of claim 16, wherein the first mark includes a type indicator indicating a type of the first mark, and wherein the second mark includes a type indicator indicating a type of the second mark.

20. (New) The method of claim 16, wherein the mark information indicates a number of marks in the mark information.

21. (New) The method of claim 16, wherein the first mark points to the first still image and the second mark points to the second still image.

22. (New) The apparatus of claim 13, wherein the mark information includes a first mark associated with the first image and a second mark associated with the second image, the first and the second mark providing the presentation information on the first and the second image, respectively.

23. (New) The apparatus of claim 22, wherein the first mark includes a first indicator indicating at least a stream of data where the first mark is placed, and wherein the second mark includes a second indicator indicating at least a stream of data where the second mark is placed.

24. (New) The apparatus of claim 22, wherein the first mark includes a first indicator indicating a point in a stream of data where the first mark is placed, and wherein the second mark includes a second indicator indicating a point in a steam of data where the second mark is placed.

25. (New) The apparatus of claim 22, wherein the first mark includes a type indicator indicating a type of the first mark, and the second mark includes a type indicator indicating a type of the second mark.

26. (New) The apparatus of claim 22, wherein the mark information indicates a number of marks in the mark information.

27. (New) The apparatus of claim 22, wherein the first mark points to the first still image and the second mark points to the second still image.

28. (New) The method of claim 14, wherein the mark information includes a first mark associated with the first image and a second mark associated with the second image, the first and the second mark providing the presentation information on the first and the second image, respectively.

29. (New) The method of claim 28, wherein the first mark includes a first indicator indicating at least a stream of data where the first mark is placed, and wherein the second mark includes a second indicator indicating at least a stream of data where the second mark is placed.

30. (New) The method of claim 28, wherein the first mark includes a first indicator indicating a point in a stream of data where the first mark is placed, and wherein the second mark includes a second indicator indicating a point in a stream of data where the second mark is placed.

31. (New) The method of claim 28, wherein the first mark includes a type indicator indicating a type of the first mark, and wherein the second mark includes a type indicator indicating a type of the second mark.

32. (New) The method of claims 28, wherein the mark information indicates a number of marks in the mark information.

33. (New) The method of claim 28, wherein the first mark points to the first still image and the second mark points to the second still image.

34. (New) The apparatus of claim 15, wherein the mark information includes a first mark associated with the first image and a second mark associated with the second image, the first and the second mark providing the presentation information on the first and the second image, respectively.

35. (New) The apparatus of claim 34, wherein the first mark includes a first indicator indicating at least a stream of data where the first mark is placed, and wherein the second mark includes a second indicator indicating at least a stream of data where the second mark is placed.

36. (New) The apparatus of claim 34, wherein the first mark includes a first indicator indicating a point in a stream of data where the first mark is placed, and wherein the second mark includes a second indicator indicating a point in a stream of data where the second mark is placed.

37. (New) The apparatus of claim 34, wherein the first mark includes a type indicator indicating a type of the first mark, and wherein the second mark includes a type indicator indicating a type of the second mark.

38. (New) The apparatus of claim 34, wherein the mark information indicates a number of marks in the mark information.

39. (New) The apparatus of claim 34, wherein the first mark points to the first still image and the second mark point to the second still image.